

<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				Docket Number (Optional) <b>PST-11302/36</b>		Application Number <b>10/810,907</b>	
				Applicant(s) <b>Keolian et al.</b>			
				Filing Date <b>March 26, 2004</b>		Group Art Unit <b>2834</b>	

OIPE  
 SEP 13 2004  
 PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>pa</i>		3,822,388	7/2/1974	Martini et al.	310	2		
<i>pa</i>		5,996,345	12/7/1999	Hofler	60	517		
<i>pa</i>		6,032,464	3/7/2000	Swift et al.	60	520		
<i>pa</i>		6,314,740	11/13/2001	De Blok et al.	62	6		
<i>pa</i>		6,574,968	6/10/2003	Symko et al.	62	6		
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>pa</i>		2004/0000150	1/1/2004	Symko et al.	62	6	6/10/2003	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
<i>pa</i>		WO99/20957	4/29/1999	De Blok et al.			✓	
<i>pa</i>		WO02/086445 A2	10/31/2002	Corey			✓	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
<i>pa</i>		W.C. Ward et al., "Thermoacoustic Engine Scaling, Acoustic and Safety Study," Los Alamos National Laboratory unclassified report LA-12103-MS, 1991.						
EXAMINER <i>Requies</i>				DATE CONSIDERED <i>10/27/05</i>				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								



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ATTY DOCKET NO.

**PST-11302/36**

APPLICATION NO.

**10/810.907**

APPLICANT(S)

**Keolian et al.**

FILING DATE

**March 26, 2004**

GROUP ART UNIT

**2834**

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>ba</i>	4,005,319	1/25/1977	Nilsson et al.	310	339	
<i>ba</i>	4,467,236	8/21/1984	Kolm et al.	310	321	
<i>ba</i>	4,504,761	3/12/1984	Triplett	310	339	
<i>ba</i>	4,511,818	4/16/1985	Benjamin et al.	310	338	
<i>ba</i>	5,431,694	7/11/1995	Snaper et al.	607	35	

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER

*McQuinn*

DATE CONSIDERED

*10/27/05*

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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>pa</i>	5,814,921	9/29/1998	Carroll	310	339		
<i>pa</i>	6,194,815	2/27/2001	Carroll	310	339		
<i>pa</i>	6,429,576	8/6/2002	Simes	310	339		
<i>pa</i>	4,398,398	8/16/1983	Wheatley et al.	62	467		
<i>pa</i>	4,489,553	12/25/1984	Wheatley et al.	60	516		

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			

EXAMINER <i>Aguiar</i>	DATE CONSIDERED <i>10/27/05</i>
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>ja</i>	4,722,201	2/2/1988	Hofler et al.	62	467		
<i>ja</i>	4,623,808	11/18/1986	Beale et al.	310	15		
<i>ja</i>	5,389,844	2/14/1995	Yarr et al.	310	15		
<i>ja</i>	4,114,380	9/19/1978	Ceperley	60	721		
<i>ja</i>	4,355,517	10/26/1982	Ceperley	60	721		

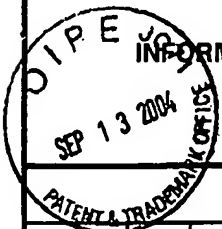
U.S. PATENT APPLICATION PUBLICATIONS							
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FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
						YES	NO	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			

EXAMINER <i>J. Guineer</i>	DATE CONSIDERED <i>10/27/05</i>
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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ja	6,578,364	6/17/2003	Corey	62	6	
ja	6,604,363	8/12/2003	Corey et al.	62	6	

## U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

*Alquius*

DATE CONSIDERED

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# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

## Title of Invention

THERMOACOUSTIC PIEZOELECTRIC GENERATOR

Application Number : 10/810907  
Confirmation Number: 9429  
First Named Applicant: Robert Keolian  
Attorney Docket Number: PST-11302/36  
Art Unit: 2834



Examiner:

Search string: ( 20020166325 or 20030192324 ).pn

**Certification:** This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

## US Published Applications

**Note:** Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20020166325	2002-11-14	Corey	A1	62	6
	2	20030192324	2003-10-16	Smith et al.	A1	62	6

## Signature

Examiner Name	Date
	10/27/05